

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Woo-yeong Cho, *et al.*

Filing Date: Herewith

Title: DEVICE AND METHOD FOR PULSE WIDTH CONTROL IN A PHASE  
CHANGE MEMORY DEVICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322657358US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2-6-09

Date

Christopher Hren

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- [ ] under 37 C.F.R. 1.129(a), or  
(First/Second submission after Final Rejection)
- [X] under 37 C.F.R. 1.97(b), or  
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- [ ] under 37 C.F.R. 1.97(c) together with either:
- [ ] a Statement under 37 C.F.R. 1.97(e), as checked below, or
- [ ] the \$180.00 fee under 37 C.F.R. 1.17(p), or  
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- [ ] under 37 C.F.R. 1.97(d) together with:
- [ ] a Statement under 37 C.F.R. 1.97(e), as checked below, and
- [ ] the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Woo-yeong Cho, et al.

Statement Under 37 C.F.R. 1.97(e)

- [ ] Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office In a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- [ ] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- [X] Copies of cited references are enclosed.
- [ ] Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 C.F.R. 1.98.
- [ ] The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- [ ] The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for reference \_\_\_\_\_ is satisfied by:

- [ ] the explanation provided on the attached sheet.
- [ ] the explanation provided in the Specification.
- [ ] abstract.

It is requested the information disclosed herein be made of record in this application.

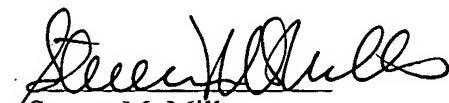
Applicant(s): Woo-yeong Cho, et al.

Method of payment:

- Enclosed is a check in the amount of \_\_\_\_\_.
- Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.
- Two duplicate copies of this Statement are enclosed.
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Respectfully submitted,

Date: February 6, 2004  
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Steven M. Mills  
Registration Number 36,610  
Attorney for Applicants

Subst. Form PTO-1449		Docket Number (Optional) <b>SAM-0519</b>	Application Number <b>Not yet assigned</b>
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant <b>Woo-yeong Cho, et al.</b>	
<i>(Use several sheets if necessary)</i>		Filing Date <b>Herewith</b>	Group Art Unit <b>Not yet assigned</b>

**U. S. Patent Documents**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>AA</b>	<b>6,487,113</b>	<b>11/26/02</b>	<b>Park, et al.</b>	<b>365</b>	<b>163</b>	<b>06/29/01</b>
	<b>AB</b>	<b>6,075,719</b>	<b>06/13/00</b>	<b>Lowrey, et al.</b>	<b>365</b>	<b>148</b>	<b>06/22/99</b>
	<b>AC</b>	<b>03/0002332</b>	<b>01/02/03</b>	<b>Lowrey</b>	<b>365</b>	<b>163</b>	<b>06/29/01</b>
	<b>AD</b>						
	<b>AE</b>						
	<b>AF</b>						
	<b>AG</b>						
	<b>AH</b>						
	<b>AI</b>						
	<b>AJ</b>						
	<b>AK</b>						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	<b>AL</b>							
	<b>AM</b>							
	<b>AN</b>							
	<b>AO</b>							
	<b>AP</b>							
	<b>AQ</b>							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>AR</b>	Geppert, Linda. "The New Indelible Memories", IEEE Spectrum, March 2003, pgs. 49-54.
<b>AS</b>	
<b>AT</b>	

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.